



# UNDERGROUND STORAGE TANK Tightness Testing Checklist

EPA - REGION 10

P. O. BOX 47655

JUL 8 1996

WATER DIVISION

DRINKING WATER/GROUND WATER

The purpose of this form is to certify the proper tightness testing of underground storage tank (UST) systems including connected underground piping. Tightness testing shall be conducted in accordance with Chapter 173-360 WAC.

This Tightness Testing Checklist shall be completed and signed by a Licensed Tightness Testing Supervisor. The supervisor shall be on site when all tank tightness testing activities are being conducted. The firm which employs the licensed supervisor shall also be licensed by the Washington State Department of Ecology as a Service Provider.

A separate checklist must be completed for each UST system (tank and associated piping) tightness tested, except that separate UST systems tightness tested at one site may be reported together by photocopying page 2 and 3 of this form and completing these pages separately for each UST system. The completed checklist should be mailed to the following address within 30 days of completion of tightness testing:

DEPARTMENT OF ECOLOGY  
UNDERGROUND STORAGE TANK SECTION  
P. O. BOX 47655  
OLYMPIA, WA 98504-7655

For further information about completing this form, please contact the Department of Ecology UST Section.

*The tank owner or operator must report a failed tightness test as a suspected release to UST staff at the appropriate Ecology regional office within 24 hours.*

## 1. UST SYSTEM OWNER AND LOCATION

UST Owner/Operator:

ROBERT RAMSEY

Owners Address:

2520 W. WASHINGTON AVE. SUITE 200

Street

P.O. Box

YAKIMA

WA

98903

City

State

Zip+4 (required)

Telephone:

(509) 452-1510

Site ID Number (on invoice or available from Ecology if tank is registered): N/A - YAKIMA INDIAN NATION

Site/Business Name:

EAGLE STOP AND SAVE

Site Address:

50 W. WAPATO ROAD

YAKIMA

Street

County

WAPATO

WA

98952

City

State

Zip+4 (required)

## 2. TIGHTNESS TESTING PERFORMED BY

Firm:

K.T.C.-KENNEDY TESTING CO.

Service Provider License Number: 74738

Address:

2418 6TH AVE.

NONE

Street

P.O. Box

CLARKSTON,

WA

99403

City

State

Zip+4 (required)

Telephone:

(509) 758-0679 OR (800) 682-7027

Licensed Supervisor:

BILL G. TALBOTT / OWNER

Supervisor License Number:

74738

K.T.C. TESTING CO.  
CLARKSTON, WA 99403  
(800) 682-7027

**PRECISION TANK & LINE TEST RESULTS**

Invoice Address:

Tank Location:

W.O.#: 196

EAGLE STOP AND SAVE  
2520 W WA AVE SUITE 200  
YAKIMA, WA 98903

EAGLE STOP AND SAVE  
50 W. WAPATO ROAD  
WAPATO, WA. 98952

I.D. Number: N/A  
Technician: BGT  
Tech.#: 94255 Van#: 001

Date: 12-27-95 Time Start: 05:27 End: 06:27 County: YAKIMA  
Facility Phone#: (509) 877-7122 Groundwater Depth: 12',+ Blue Prints: N/A  
Contact: MR. DUSTIN RAMSEY Date; Time system was filled: 12-26-95/21:00

Tank	Tank Capacity	Product	Tank	Fill/Vent Vapor Lines	Product Line	Type Of Vapor Recovery	Inches of Water/Tank	Pump Type	Tank Material
1									
2	12K	REG-UNL PASS		N/A	N/A	N/A	-0-	TURB.	SWC
3									
4									
5									
6									

**SITE LOG**

**TIME**

Set Up Equip: 04:10  
Bled Product Lines: N/A  
Bled Vapor Lines: N/A  
Bled Vent lines: N/A  
Bled Turbine: YES  
Bled Suction Pump: N/A  
Risers Installed: N/A

- a) This system and method meets the criteria set forth in NFPA #329.  
b) Any failure listed above may require further action, check with all regulatory agencies.

Certified Technician Signature :

*Bill G. Talbott*

Date : 12-27-95



### 3. TANK AND TESTING INFORMATION

1. Tank ID Number (as registered with Ecology): -2-
2. Date Installed: 1989
3. Tank capacity in gallons: 12,000
4. Date of tightness test: 12-27-95
5. Last substance stored: REGULAR UNLEADED
6. Is tank compartmentalized? NO
7. Tank is: ☒ single wall ☐ double wall

8. Reason for conducting tightness test:

- X   To comply with leak detection requirements in UST rules
- To bring temporarily closed tank back into service
- Tank or piping repair
- Other (describe) \_\_\_\_\_

9. Type of test conducted:

10. Test method type:

- |               |  |               |                      |
|---------------|--|---------------|----------------------|
| <u>  X  </u>  | Tank tightness test only                           | <u>  X  </u>  | Overfill             |
| <u>      </u> | Line tightness test only                           | <u>      </u> | Underfill volumetric |
| <u>      </u> | Tank and lines tested separately                   | <u>      </u> | Nonvolumetric        |
| <u>      </u> | Total system test (tank and lines tested together) |               |                      |

11. Tightness testing method(s) used (indicate if more than one method was used - see note following Item 12):

(TANK TESTER)  
Test method name/version A.E.S. SYSTEM II (VERSION 1)

Test method manufacturer A. E. S. ENSERVCO, INC. / A. E. S. = Associated Environmental System

12. If a tank tightness test was conducted, indicate the percentage of tank volume that was filled with product during the test: 100%

Note: A tank must be tested up to the product level limited by the overfill prevention device. If an overfill prevention device is not installed, a tank must be tested up to the 95% full level. When underfill volumetric testing methods are used, the tank must be: 1) filled with product to the 95% full level or 2) the portion of the tank above the product level must be tested using a nonvolumetric method which meets performance standards, for lightness testing.

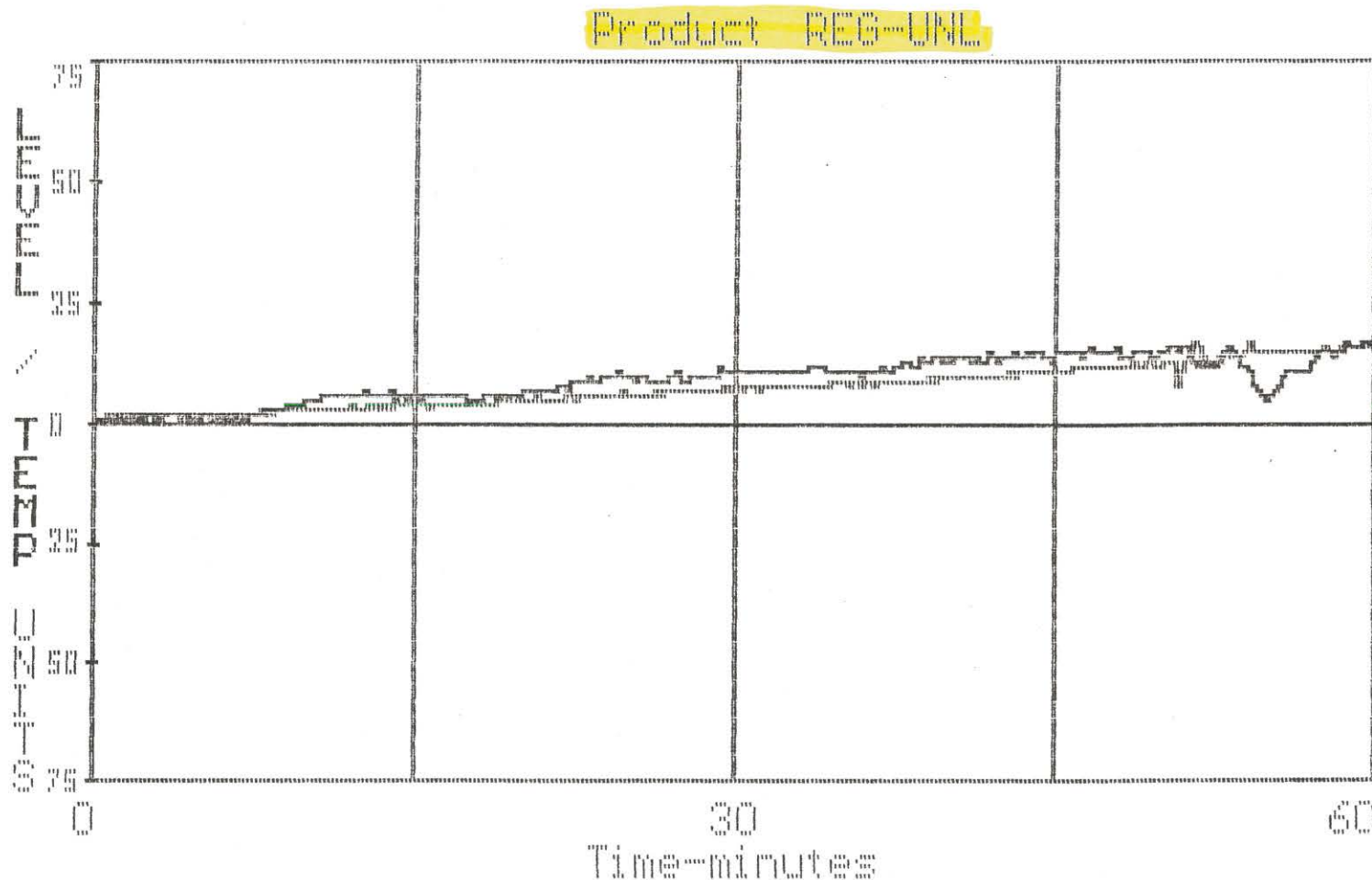
13. Indicate the method used to determine if groundwater was present above the bottom of the tank during the test (for single wall tanks): 12' + LOCAL KNOWLEDGE

#### 4. CHECKLIST

The following items shall be initialed by the licensed supervisor whose signature appears below.

	Yes	No	N/A
<p>1. Has the tightness testing method used been demonstrated to meet the performance standard specified in the UST rules for the conditions under which the test was conducted? (e.g., detecting a 0.10 gallon per hour leak rate with probability of detection of at least 95% and a probability of false alarm of no more than 5%)</p> <p><i>Note: A copy of Ecology's policy for demonstrating that leak detection methods meet performance standards may be obtained by contacting Ecology's UST section in Olympia.</i></p>	BUT X		

Invoice No.: 196 Date: 12/27/95 Time: 05:27:57  
Technician: B61 Tank: NO.2/SWC Tank Diameter(in): 94  
Volume(gal): 12000 Grade Level(in): 142 Product Level(in): 120  
Water Level On Tank(in): 0  
Specific Gravity: .75 Coefficient Of Expansion: 0.0006802  
Calibration Value(ml): 200 Channel: 1  
Level Segment From: 110 To 300 Temp Segment From: 110 To 300



Change In Calibration Zone = 9  
Starting Temperature (F): 40.429  
Surface Area(sq. in): 133.5

Calibration Unit(gal/unit) = 0.00578  
Head Pressure(col/in (Btm)): 90.0  
Temp. Change(F/h) : 0.022

Level volume(gph): 0.194  
Temp. volume(gph): 0.180  
Net change(gph) : 0.014

Product Line(gph): N/A

**Result --> PASS**

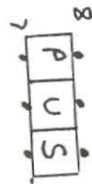
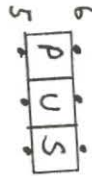
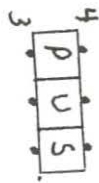
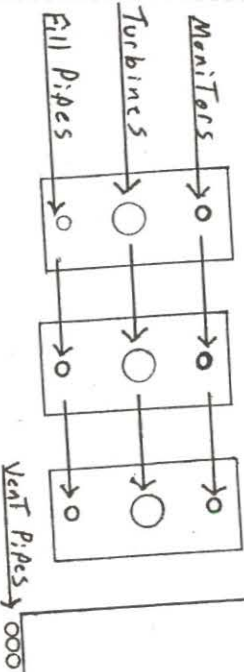
**P/L --> NONE**

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**\*\* Notes \*\***

EAGLE STOP AND SAVE / 50 W. WAPATO ROAD / WAPATO, WASHINGTON 98952  
TANK NO.2 IS A 12,000 GALLON REGULAR UNLEADED GAS TANK.  
THIS IS A FULL SYSTEM TEST AT 120", WITH A 200 ML. CAL. / TANK DIAMETER IS 94".  
GRADE LEVEL IS AT 142" - GRADE LEVEL BEING MEASURED TO THE TOP OF THE FILL PIPE.

# W. WapaTo Road



P = Unleaded Plus

U = Reg - Unleaded

S = Super Unleaded

Eagle Stop and Save

50 W. WapaTo Road

WapaTo Wa 98952



### 5. ADDITIONAL REQUIRED SIGNATURES



ATTN: GEOFF KEELER  
US ENVIRONMENTAL PROTECTION AGENCY  
REGION 10  
1200 SIXTH AVENUE  
SEATTLE, WA 98101